

Marked Up Copy of Specification Amendments

Rewrite the two paragraphs beginning at page 25, line 4 and ending at page 26, line 11 as follows:

After manufacturing has been completed, a large number of finished devices 210 [,] or webs are stored on a take-up reel 700 [(not shown)] supporting a corresponding large plurality of the devices. Advantageously, storage on a take-up reel not only makes the present process conducive to high speed automated manufacturing, but in addition makes the process compatible to high speed manual or automated product dispensing and use. Large numbers of enclosed transceivers may be supplied easily to a user in a conventional tape and reel format. The user can readily detach one device at a time for immediate attaching to an article. Alternatively, enclosed transceivers are manufactured and shipped in sheets and later sectioned by the customer.

In yet another embodiment, devices are cut from the tape or sheet from which they were manufactured and then removably mounted on a backing. The backing in one embodiment is in tape format and in another equivalent embodiment is in sheet format. When mounted to a backing, enclosed transceivers are more effectively stored in a cache for dispensing individually. The cache 702 [, not shown,] includes means for dispensing (i.e. separately providing a transceiver on demand) and shielding means for preventing signal reception by enclosed transceivers within the cache. If shielding were not included, a supply of transceivers located within communicating range of an interrogator would soon expend battery capacity by processing signals including, for example, wake-up signals. Means for dispensing includes, for example, mechanical devices for feeding a tape or sheet through an opening 704 and mechanical devices for separating shielding materials from a tape or sheet. The former dispensing means, in one embodiment of the cache, cooperates with shielding across the opening including conductive rollers, separating brushes, separating fingers, and the like. The latter dispensing means, in another embodiment of the cache, cooperates with conductive backing material 706, or conductive foam as a backing or cover layer arranged to shield the exposed edges of a roll containing transceivers.